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OM protein - protein search, using sw model

Run on: January 19, 2005, 18:10:12 ; Search time 20 Seconds
(without alignments)
19.895 Million cell updates/sec

Title: US-09-429-798A-1

Perfect score: 35

Sequence: 1 YGGMFK 6

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 17104

Minimum DB seq length: 6
Maximum DB seq length: 6

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:*
1: /cgn2_6/ptodata/1/1aa/5A_COMB.pep:*
2: /cgn2_6/ptodata/1/1aa/5B_COMB.pep:*
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6: /cgn2_6/ptodata/1/1aa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	35	100.0	6	4	US-09-134-803-1
2	30	85.7	6	1	US-07-943-709-8
3	30	85.7	6	1	US-07-943-709-9
4	30	85.7	6	1	US-07-943-709-14
5	29	82.9	6	4	US-09-493-902-2
6	28	80.0	6	1	US-08-351-058A-9
7	27	77.1	6	1	US-07-805-727-7
8	27	77.1	6	1	US-07-718-577-5
9	27	77.1	6	1	US-08-390-272-7
10	27	77.1	6	1	US-07-943-709-11
11	27	77.1	6	1	US-07-943-709-12
12	27	77.1	6	1	US-07-943-709-17
13	27	77.1	6	1	US-08-227-184A-4
14	27	77.1	6	1	US-08-388-321-7
15	27	77.1	6	1	US-08-466-632-7
16	27	77.1	6	1	US-08-446-177-7
17	27	77.1	6	3	US-09-063-936A-7
18	27	77.1	6	3	US-09-490-580-7
19	27	77.1	6	3	US-09-442-027-7
20	27	77.1	6	4	US-08-348-471-7
21	27	77.1	6	4	US-08-999-188-7
22	27	77.1	6	4	US-09-043-877-22
23	27	77.1	6	4	US-09-043-877-25
24	27	77.1	6	4	US-09-465-126B-6
25	27	77.1	6	4	US-09-063-933-7
26	27	77.1	6	4	US-09-578-063-65
27	26	74.3	6	2	US-08-448-219-3

28	25	71.4	6	1	US-07-805-727-18	Sequence 18, Appl
29	25	71.4	6	1	US-07-718-577-7	Sequence 7, Appl
30	25	71.4	6	1	US-07-718-577-12	Sequence 12, Appl
31	25	71.4	6	1	US-07-718-577-22	Sequence 22, Appl
32	25	71.4	6	1	US-08-390-272-18	Sequence 18, Appl
33	25	71.4	6	1	US-07-943-709-10	Sequence 10, Appl
34	25	71.4	6	1	US-07-943-709-13	Sequence 13, Appl
35	25	71.4	6	1	US-07-943-709-16	Sequence 16, Appl
36	25	71.4	6	1	US-07-943-709-18	Sequence 18, Appl
37	25	71.4	6	1	US-07-943-709-24	Sequence 24, Appl
38	25	71.4	6	1	US-07-943-709-27	Sequence 27, Appl
39	25	71.4	6	1	US-08-388-321-18	Sequence 18, Appl
40	25	71.4	6	1	US-08-466-632-18	Sequence 18, Appl
41	25	71.4	6	1	US-08-446-177-18	Sequence 18, Appl
42	25	71.4	6	3	US-09-063-936A-18	Sequence 18, Appl
43	25	71.4	6	3	US-09-490-580-18	Sequence 18, Appl
44	25	71.4	6	3	US-09-442-027-18	Sequence 18, Appl
45	25	71.4	6	4	US-08-348-471-18	Sequence 18, Appl

ALIGNMENTS

RESULT 1
US-09-134-803-1
; Sequence 1, Application US/09134803
; Patent No. 6703381
; GENERAL INFORMATION:
; APPLICANT: Ekwuribe, Nnochiri N.
; APPLICANT: Rhadakrishnan, Balasingam
; APPLICANT: Price, Christopher H.
; APPLICANT: Anderson, Wes
; APPLICANT: Ansari, Aslam M.
; TITLE OF INVENTION: Blood-Brain-Barrier Therapeutics
; FILE REFERENCE: 4012-113
; CURRENT APPLICATION NUMBER: US/09/134,803
; CURRENT FILING DATE: 1998-08-14
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: Patent Ver. 2.1
; SEQ ID NO 1
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-134-803-1

Query Match 100.0%; Score 35; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGMFK 6
Db 1 YGGMFK 6

RESULT 2
US-07-943-709-8
; Sequence 8, Application US/07943709
; Patent No. 5556762
; GENERAL INFORMATION:
; APPLICANT: Pinilla, Clemencia
; APPLICANT: Appel Jr., Jon R.
; APPLICANT: Blondelle, Silvie
; APPLICANT: Dooley, Colette T.
; APPLICANT: Eichler, Jutta
; APPLICANT: Houghten, Richard A.
; TITLE OF INVENTION: SCANNING SYNTHETIC PEPTIDE COMBINATORIAL
; TITLE OF INVENTION: LIBRARIES: OLIGOPEPTIDE MIXTURE SETS HAVING ONE
; TITLE OF INVENTION: PREDETERMINED RESIDUE AT A SINGLE, PREDETERMINED POSITION,
; TITLE OF INVENTION: METHODS OF MAKING AND USING THE SAME
; NUMBER OF SEQUENCES: 119
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dressler, Goldsmith, Shore, Sutter &
; ADDRESSEE: Milnamow, Ltd.

STREET: 180 No. 5556762th Stetson, Suite 4700
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/943,709
FILING DATE: 19920911
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/797,551
FILING DATE: 19-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Gamsen, Edward P
REGISTRATION NUMBER: 29,381
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 616-5400
TELEFAX: (312) 616-5460
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: /note= "Xaa is Tyr-NH2."
US-07-943-709-8

Query Match 85.7%; Score 30; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 5
Db 1 YGFM 5

RESULT 3
US-07-943-709-9
Sequence 9, Application US/07943709
Patent No. 5556762
GENERAL INFORMATION:
APPLICANT: Pinilla, Clemencia
APPLICANT: Appel Jr., Jon R.
APPLICANT: Blondelle, Silvie
APPLICANT: Dooley, Colette T.
APPLICANT: Eichler, Jutta
APPLICANT: Houghten, Richard A.
TITLE OF INVENTION: SCANNING SYNTHETIC PEPTIDE COMBINATORIAL
TITLE OF INVENTION: LIBRARIES: OLIGOPEPTIDE MIXTURE SETS HAVING ONE
TITLE OF INVENTION: PREDETERMINED RESIDUE AT A SINGLE, PREDETERMINED POSITION,
TITLE OF INVENTION: METHODS OF MAKING AND USING THE SAME
NUMBER OF SEQUENCES: 119
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dressler, Goldsmith, Shore, Sutker &
ADDRESS: Milnamow, Ltd.
STREET: 180 No. 5556762th Stetson, Suite 4700
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/943,709
FILING DATE: 19920911
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/797,551
FILING DATE: 19-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Gamsen, Edward P
REGISTRATION NUMBER: 29,381
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 616-5400
TELEFAX: (312) 616-5460
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: /note= "Xaa is Arg-NH2."
US-07-943-709-9

Query Match 85.7%; Score 30; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 5
Db 1 YGFM 5

RESULT 4
US-07-943-709-14
Sequence 14, Application US/07943709
Patent No. 5556762
GENERAL INFORMATION:
APPLICANT: Pinilla, Clemencia
APPLICANT: Appel Jr., Jon R.
APPLICANT: Blondelle, Silvie
APPLICANT: Dooley, Colette T.
APPLICANT: Eichler, Jutta
APPLICANT: Houghten, Richard A.
TITLE OF INVENTION: SCANNING SYNTHETIC PEPTIDE COMBINATORIAL
TITLE OF INVENTION: LIBRARIES: OLIGOPEPTIDE MIXTURE SETS HAVING ONE
TITLE OF INVENTION: PREDETERMINED RESIDUE AT A SINGLE, PREDETERMINED POSITION,
TITLE OF INVENTION: METHODS OF MAKING AND USING THE SAME
NUMBER OF SEQUENCES: 119
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dressler, Goldsmith, Shore, Sutker &
ADDRESS: Milnamow, Ltd.
STREET: 180 No. 5556762th Stetson, Suite 4700
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/943,709
FILING DATE: 19920911
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/797,551
FILING DATE: 19-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Gamsen, Edward P
REGISTRATION NUMBER: 29,381

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; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 616-5400
; TELEFAX: (312) 616-5460
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 6
; OTHER INFORMATION: /note= "Xaa is Phe-NH2."
US-07-943-709-14

Query Match      85.7%; Score 30; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 YGGM 5
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Db      1 YGGM 5

RESULT 5
US-09-493-902-2
; Sequence 2, Application US/09493902
; Patent No. 6476191
; GENERAL INFORMATION:
; APPLICANT: Pascal, Jeanick
; APPLICANT: Moran, Michael
; APPLICANT: Houghten, Richard A.
; TITLE OF INVENTION: Volatilizable Solid Phase Supports for Compound
; TITLE OF INVENTION: Synthesis
; FILE REFERENCE: Volatilizable Solid Phase Supports
; CURRENT APPLICATION NUMBER: US/09/493,902
; EARLIER FILING DATE: 2000-01-28
; EARLIER APPLICATION NUMBER: 60/119204
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 2
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: peptide
US-09-493-902-2

Query Match      82.9%; Score 29; DB 4; Length 6;
Best Local Similarity 66.7%; Pred. No. 3.8e+05;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      1 YGGM 6
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Db      1 YGGM 6

RESULT 6
US-08-351-058A-9
; Sequence 9, Application US/08351058A
; Patent No. 5550215
; GENERAL INFORMATION:
; APPLICANT: Holmes, Christopher P.
; TITLE OF INVENTION: Polymer Reversal on Solid Surfaces
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Burns, Doane, Swecker & Mathis
; STREET: P. O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: USA
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; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentln Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/351,058A
; FILING DATE: 28-NOV-1994
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/978,940
; FILING DATE: 19-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/796,727
; FILING DATE: 22-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Swiss, Gerald F.
; REGISTRATION NUMBER: 30,113
; REFERENCE/DOCKET NUMBER: 000324-015
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-854-7400
; TELEFAX: 415-854-8275
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-351-058A-9
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Query Match      80.0%; Score 28; DB 1; Length 6;
Best Local Similarity 66.7%; Pred. No. 3.8e+05;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      1 YGGM 6
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Db      1 YGGM 6
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RESULT 7
US-07-805-727-7
; Sequence 7, Application US/07805727
; Patent No. 5424186
; GENERAL INFORMATION:
; APPLICANT: Fodor, Stephen P.A.
; APPLICANT: Stryer, Lubert
; APPLICANT: Pittung, Michael C.
; APPLICANT: Read, J. Leighton
; TITLE OF INVENTION: Very Large Scale Immobilized Polymer
; TITLE OF INVENTION: Synthesis
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Vernon A. No. 5424186vie1
; STREET: One Market Plaza, Stewart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentln Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/805,727
; FILING DATE: 19911206
; CLASSIFICATION: 436
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5424186vie1, Vernon A.
; REGISTRATION NUMBER: 32,483
; REFERENCE/DOCKET NUMBER: 11509A(1)1)1
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: AMINO ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-07-805-727-7

Query Match 77.1%; Score 27; DB 1; Length 6;
Best Local Similarity 80.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
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Db 1 YGGFL 5

RESULT 8

US-07-718-577-5
Sequence 5, Application US/07718577
Patent No. 5432018
GENERAL INFORMATION:
APPLICANT: Dower, William J.
APPLICANT: Cwiria, Steven E.
APPLICANT: Barrett, Ronald W.
TITLE OF INVENTION: PEPTIDE LIBRARY AND
TITLE OF INVENTION: SCREENING SYSTEMS
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend
STREET: One Market Plaza, Stewart Street
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/718,577
FILING DATE: 19910620
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/541,108
FILING DATE: 20-JUN-1990
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 11509-25-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 326-2400
TELEFAX: (415) 326-2422
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: AMINO ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-07-718-577-5

Query Match 77.1%; Score 27; DB 1; Length 6;
Best Local Similarity 80.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5

Db 1 YGGFL 5

RESULT 9

US-08-390-272-7
Sequence 7, Application US/08390272
Patent No. 5489678
GENERAL INFORMATION:
APPLICANT: Podor, Stephen P.A.
APPLICANT: Stryer, Lubert
APPLICANT: Winkler, James L.
APPLICANT: Holmes, Christopher P.
APPLICANT: Solas, Dennis W.
TITLE OF INVENTION: Very Large Scale Immobilized Polymer
TITLE OF INVENTION: Synthesis
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Vernon A. No. 5489678vie1
STREET: One Market Plaza, Stewart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,272
FILING DATE:
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/624,120
FILING DATE: 06-DEC-1990
ATTORNEY/AGENT INFORMATION:
NAME: No. 5489678vie1, Vernon A.
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 11509-28
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-390-272-7

Query Match 77.1%; Score 27; DB 1; Length 6;
Best Local Similarity 80.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
1 YGGFL 5
Db 1 YGGFL 5

RESULT 10

US-07-943-709-11
Sequence 11, Application US/07943709
Patent No. 5556762
GENERAL INFORMATION:
APPLICANT: Pinilla, Clemencia
APPLICANT: Appel Jr., Jon R.
APPLICANT: Blondelle, Silvie
APPLICANT: Dooley, Colette T.
APPLICANT: Eichler, Jutta
APPLICANT: Houghten, Richard A.
TITLE OF INVENTION: SCANNING SYNTHETIC PEPTIDE COMBINATORIAL

;; TITLE OF INVENTION: LIBRARIES: OLIGOPEPTIDE MIXTURE SETS HAVING ONE
;; TITLE OF INVENTION: PREDETERMINED RESIDUE AT A SINGLE, PREDETERMINED POSITION,
;; TITLE OF INVENTION: METHODS OF MAKING AND USING THE SAME
;; NUMBER OF SEQUENCES: 119
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Dressler, Goldsmith, Shore, Sutker &
;; ADDRESSEE: Milnamow, Ltd.
;; STREET: 180 No. 5556762th Stetson, Suite 4700
;; CITY: Chicago
;; STATE: Illinois
;; COUNTRY: USA
;; ZIP: 60601
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patentin Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/07/943,709
;; FILING DATE: 19920911
;; CLASSIFICATION: 530
;; PRIORITY APPLICATION DATA:
;; APPLICATION NUMBER: US 07/797,551
;; FILING DATE: 19-NOV-1991
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Gamsen, Edward P
;; REGISTRATION NUMBER: 29,381
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (312) 616-5400
;; TELEFAX: (312) 616-5460
;; INFORMATION FOR SEQ ID NO: 11:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 6 amino acids
;; TYPE: AMINO ACID
;; TOPOLOGY: linear
;; MOLECULE TYPE: peptide
;; FEATURE:
;; NAME/KEY: Modified-site
;; LOCATION: 6
;; OTHER INFORMATION: /note= "Xaa is Tyr-NH2."
;;
US-07-943-709-11

Query Match 77.1%; Score 27; DB 1; Length 6;
Best Local Similarity 80.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 5
Db 1 YGGFL 5

RESULT 11
US-07-943-709-12
; Sequence 12, Application US/07943709
; Patent No. 5556762
; GENERAL INFORMATION:
; APPLICANT: Pinilla, Clemecia
; APPLICANT: Appel Jr., Jon R.
; APPLICANT: Blondelle, Silvie
; APPLICANT: Dooley, Colette T.
; APPLICANT: Eichler, Jutta
; APPLICANT: Houghten, Richard A.
; TITLE OF INVENTION: SCANNING SYNTHETIC PEPTIDE COMBINATORIAL
; TITLE OF INVENTION: LIBRARIES: OLIGOPEPTIDE MIXTURE SETS HAVING ONE
; TITLE OF INVENTION: PREDETERMINED RESIDUE AT A SINGLE, PREDETERMINED POSITION,
; TITLE OF INVENTION: METHODS OF MAKING AND USING THE SAME
; NUMBER OF SEQUENCES: 119
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dressler, Goldsmith, Shore, Sutker &
; ADDRESSEE: Milnamow, Ltd.
; STREET: 180 No. 5556762th Stetson, Suite 4700
; CITY: Chicago
; STATE: Illinois

;; COUNTRY: USA
;; ZIP: 60601
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patentin Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/07/943,709
;; FILING DATE: 19920911
;; CLASSIFICATION: 530
;; PRIORITY APPLICATION DATA:
;; APPLICATION NUMBER: US 07/797,551
;; FILING DATE: 19-NOV-1991
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Gamsen, Edward P
;; REGISTRATION NUMBER: 29,381
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (312) 616-5400
;; TELEFAX: (312) 616-5460
;; INFORMATION FOR SEQ ID NO: 12:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 6 amino acids
;; TYPE: AMINO ACID
;; TOPOLOGY: linear
;; MOLECULE TYPE: peptide
;; FEATURE:
;; NAME/KEY: Modified-site
;; LOCATION: 6
;; OTHER INFORMATION: /note= "Xaa is Arg-NH2."
;;
US-07-943-709-12

Query Match 77.1%; Score 27; DB 1; Length 6;
Best Local Similarity 80.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 5
Db 1 YGGFL 5

RESULT 12
US-07-943-709-17
; Sequence 17, Application US/07943709
; Patent No. 5556762
; GENERAL INFORMATION:
; APPLICANT: Pinilla, Clemecia
; APPLICANT: Appel Jr., Jon R.
; APPLICANT: Blondelle, Silvie
; APPLICANT: Dooley, Colette T.
; APPLICANT: Eichler, Jutta
; APPLICANT: Houghten, Richard A.
; TITLE OF INVENTION: SCANNING SYNTHETIC PEPTIDE COMBINATORIAL
; TITLE OF INVENTION: LIBRARIES: OLIGOPEPTIDE MIXTURE SETS HAVING ONE
; TITLE OF INVENTION: PREDETERMINED RESIDUE AT A SINGLE, PREDETERMINED POSITION,
; TITLE OF INVENTION: METHODS OF MAKING AND USING THE SAME
; NUMBER OF SEQUENCES: 119
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dressler, Goldsmith, Shore, Sutker &
; ADDRESSEE: Milnamow, Ltd.
; STREET: 180 No. 5556762th Stetson, Suite 4700
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/943,709
; FILING DATE: 19920911

CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/797,551
FILING DATE: 19-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Gamsen, Edward P
REGISTRATION NUMBER: 29,381
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 616-5400
TELEFAX: (312) 616-5460
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: /note= "Xaa is Phe-NH2."
US-07-943-709-17

Query Match 77.1%; Score 27; DB 1; Length 6;
Best Local Similarity 80.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGFM 5
|||:
Db 1 YGFL 5

RESULT 13
US-08-227-184A-4

; Sequence 4, Application us/08227184A

; Patent No. 5620958

; GENERAL INFORMATION:

APPLICANT: CHERONIS, JOHN C

APPLICANT: BLODGETT, JAMES K

APPLICANT: WHALLEY, ERIC T

APPLICANT: ALLEN, LISA GAY

APPLICANT: EUBANKS, SHAD R

APPLICANT: NGUYEN, KHE T

TITLE OF INVENTION: BRADYKININ ANTAGONISTS

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:

ADDRESSEE: CUSHMAN DARBY & CUSHMAN

STREET: 1100 NEW YORK AVE., N.W.

CITY: WASHINGTON

STATE: D.C.

COUNTRY: USA

ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Tape

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/227,184A

FILING DATE: 13-APR-1994

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/859,582

FILING DATE: 27-MAR-1992

ATTORNEY/AGENT INFORMATION:

NAME: KOKULIS, PAUL N

REGISTRATION NUMBER: 16773

REFERENCE/DOCKET NUMBER: 94243/DKT.6

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-861-3000

TELEFAX: 202-822-0944

TELEX: 6714627CUSH

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-227-184A-4

Query Match 77.1%; Score 27; DB 1; Length 6;
Best Local Similarity 80.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGFM 5
|||:
Db 1 YGFL 5

RESULT 14
US-08-388-321-7

; Sequence 7, Application us/08388321

; Patent No. 5744101

; GENERAL INFORMATION:

APPLICANT: Fodor, Stephen P.A.

APPLICANT: Stryer, Lubert

APPLICANT: Winkler, James L.

APPLICANT: Holmes, Christopher P.

APPLICANT: Solas, Dennis W.

TITLE OF INVENTION: Photolabile Nucleoside Protecting

TITLE OF INVENTION: Groups

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: Vernon A. No. 5744101vie1

STREET: One Market Plaza, Stewart Tower, Suite 2000

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94105

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/388,321

FILING DATE: --Herewith--

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: No. 5744101vie1, Vernon A.

REGISTRATION NUMBER: 32,483

REFERENCE/DOCKET NUMBER: 16528X-000122

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-326-2400

TELEFAX: 415-326-2422

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 6 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

Query Match 77.1%; Score 27; DB 1; Length 6;
Best Local Similarity 80.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGFM 5
|||:
Db 1 YGFL 5

RESULT 15

US-08-466-632-7

; Sequence 7, Application us/08466632

; Patent No. 5744305
; GENERAL INFORMATION:
; APPLICANT: Fodor, Stephen P.A.
; APPLICANT: Stryer, Lubert
; APPLICANT: Winkler, James L.
; APPLICANT: Holmes, Christopher P.
; APPLICANT: Solas, Dennis W.
; TITLE OF INVENTION: Very Large Scale Immobilized Polymer
; TITLE OF INVENTION: Synthesis
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Vernon A. No. 5744305v1e1
; STREET: One Market Plaza, Stewart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/466,632
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5744305v1e1, Vernon A.
; REGISTRATION NUMBER: 32,483
; REFERENCE/DOCKET NUMBER: 16528J-000126
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-326-2400
; TELEFAX: 415-326-2422
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-08-466-632-7

Query Match 77.1%; Score 27; DB 1; Length 6;
Best Local Similarity 80.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0;
Gaps 0;

QY 1 YGGFM 5
|||:
Db 1 YGGFL 5

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Job time : 25 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: January 19, 2005, 18:36:46 ; Search time 142 Seconds
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Title: US-09-429-798A-1
Perfect score: 35
Sequence: 1 YGGFMK 6

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Searched: 1608061 seqs, 361289386 residues

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	35	100.0	6	US-10-380-147-41	Sequence 41, Appl
2	32	91.4	6	US-10-289-009-28	Sequence 28, Appl
3	32	91.4	6	US-10-380-147-39	Sequence 39, Appl
4	32	91.4	6	US-10-380-147-42	Sequence 42, Appl
5	30	85.7	6	US-10-380-147-43	Sequence 43, Appl
6	29	82.9	6	US-10-286-670-2	Sequence 2, Appl
7	29	82.9	6	US-10-380-147-40	Sequence 40, Appl
8	27	77.1	6	US-09-946-605-7	Sequence 7, Appl
9	27	77.1	6	US-09-759-130B-435	Sequence 435, App
10	27	77.1	6	US-10-014-716-7	Sequence 7, Appl
11	27	77.1	6	US-10-042-431-65	Sequence 65, Appl
12	27	77.1	6	US-10-259-391-7	Sequence 7, Appl
13	27	77.1	6	US-10-190-951-7	Sequence 7, Appl

14	27	77.1	6	US-10-033-195B-6	Sequence 6, Appl
15	27	77.1	6	US-10-741-790-435	Sequence 435, App
16	25	71.4	6	US-09-772-607-7	Sequence 7, Appl
17	25	71.4	6	US-09-946-605-18	Sequence 18, Appl
18	25	71.4	6	US-10-014-716-18	Sequence 18, Appl
19	25	71.4	6	US-10-259-391-18	Sequence 18, Appl
20	25	71.4	6	US-10-190-951-18	Sequence 18, Appl
21	25	71.4	6	US-10-033-195B-16	Sequence 16, Appl
22	22	62.9	6	US-10-192-407C-9	Sequence 9, Appl
23	21	60.0	6	US-09-170-919-11	Sequence 11, Appl
24	21	60.0	6	US-09-946-605-4	Sequence 4, Appl
25	21	60.0	6	US-09-946-605-12	Sequence 12, Appl
26	21	60.0	6	US-10-014-716-4	Sequence 4, Appl
27	21	60.0	6	US-10-014-716-12	Sequence 12, Appl
28	21	60.0	6	US-10-259-391-4	Sequence 4, Appl
29	21	60.0	6	US-10-259-391-12	Sequence 12, Appl
30	21	60.0	6	US-10-190-951-4	Sequence 4, Appl
31	21	60.0	6	US-10-190-951-12	Sequence 12, Appl
32	21	60.0	6	US-10-033-195B-3	Sequence 3, Appl
33	21	60.0	6	US-10-033-195B-11	Sequence 11, Appl
34	21	60.0	6	US-10-148-786A-51	Sequence 51, Appl
35	20	57.1	6	US-09-823-114-3	Sequence 3, Appl
36	20	57.1	6	US-10-014-716-3	Sequence 3, Appl
37	20	57.1	6	US-10-156-820-57	Sequence 57, Appl
38	20	57.1	6	US-10-190-951-3	Sequence 3, Appl
39	20	57.1	6	US-10-290-748-3	Sequence 3, Appl
40	20	57.1	6	US-10-454-566-4	Sequence 4, Appl
41	19	54.3	6	US-09-946-605-16	Sequence 16, Appl
42	19	54.3	6	US-09-997-961-36	Sequence 36, Appl
43	19	54.3	6	US-10-014-716-16	Sequence 16, Appl
44	19	54.3	6	US-10-259-391-16	Sequence 16, Appl
45	19	54.3	6	US-10-190-951-16	Sequence 16, Appl

ALIGNMENTS

RESULT 1
US-10-380-147-41
; Sequence 41, Application US/10380147
; Publication No. US20040072246A1
; GENERAL INFORMATION:
; APPLICANT: Martin, Roland
; APPLICANT: Simon, Richard
; APPLICANT: Zhao, Yindong
; APPLICANT: Gran, Bruno
; APPLICANT: Pinilla, Clemencia
; TITLE OF INVENTION: A SYSTEM AND METHOD FOR IDENTIFYING T
; FILE REFERENCE: MSCI 001APC
; CURRENT APPLICATION NUMBER: US/10/380,147
; CURRENT FILING DATE: 2003-10-22
; PRIOR APPLICATION NUMBER: US 60/232,101
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US 60/251,216
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: PCT/US01/42166
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for windows Version 4.0
; SEQ ID NO 41
; LENGTH: 6
; TYPE: PRT
; ORGANISM: H. sapiens
US-10-380-147-41

Query Match 100.0%; Score 35; DB 15; Length 6;
Best Local Similarity 100.0%; Pred. No. 1.5e+06;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 YGGFMK 6
Db 1 YGGFMK 6

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RESULT 2
US-10-289-009-28
; Sequence 28, Application US/10289009
; Publication No. US20030228700A1
; GENERAL INFORMATION:
; APPLICANT: Peters, Eric C.
; APPLICANT: Brock, Ansgar
; APPLICANT: Ericson, Christer
; APPLICANT: IRM LLC
; TITLE OF INVENTION: Labeling Reagent and Methods of Use
; FILE REFERENCE: 021288-000230US
; CURRENT APPLICATION NUMBER: US/10/289,009
; CURRENT FILING DATE: 2003-04-01
; PRIOR APPLICATION NUMBER: US 60/332,988
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: US 60/385,835
; PRIOR FILING DATE: 2002-06-03
; PRIOR APPLICATION NUMBER: US 60/410,382
; PRIOR FILING DATE: 2002-09-12
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 28
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:other model
; OTHER INFORMATION: polypeptide containing lysine at the C-terminus
US-10-289-009-28

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Query Match      91.4%; Score 32; DB 14; Length 6;
Best Local Similarity 83.3%; Pred. No. 1.5e+06;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY      1 YGFMK 6
Db      1 YGFLK 6

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RESULT 3
US-10-380-147-39
; Sequence 39, Application US/10380147
; Publication No. US20040072246A1
; GENERAL INFORMATION:
; APPLICANT: Martin, Roland
; APPLICANT: Simon, Richard
; APPLICANT: Zhao, Yingdong
; APPLICANT: Gran, Bruno
; APPLICANT: Pinilla, Clemencia
; TITLE OF INVENTION: A SYSTEM AND METHOD FOR IDENTIFYING T
; FILE REFERENCE: MSCI.001APC
; CURRENT APPLICATION NUMBER: US/10/380,147
; CURRENT FILING DATE: 2003-10-22
; PRIOR APPLICATION NUMBER: US 60/232,101
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US 60/251,216
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: PCT/US01/42166
; PRIOR FILING DATE: 2001-09-11
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 39
; LENGTH: 6
; TYPE: PRT
; ORGANISM: H. sapiens
US-10-380-147-39

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Query Match      91.4%; Score 32; DB 15; Length 6;
Best Local Similarity 83.3%; Pred. No. 1.5e+06;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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QY      1 YGFMK 6
Db      1 YGFMK 6

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RESULT 4
US-10-380-147-42
; Sequence 42, Application US/10380147
; Publication No. US20040072246A1
; GENERAL INFORMATION:
; APPLICANT: Martin, Roland
; APPLICANT: Simon, Richard
; APPLICANT: Zhao, Yingdong
; APPLICANT: Gran, Bruno
; APPLICANT: Pinilla, Clemencia
; TITLE OF INVENTION: A SYSTEM AND METHOD FOR IDENTIFYING T
; FILE REFERENCE: MSCI.001APC
; CURRENT APPLICATION NUMBER: US/10/380,147
; CURRENT FILING DATE: 2003-10-22
; PRIOR APPLICATION NUMBER: US 60/232,101
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US 60/251,216
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: PCT/US01/42166
; PRIOR FILING DATE: 2001-09-11
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 42
; LENGTH: 6
; TYPE: PRT
; ORGANISM: H. sapiens
US-10-380-147-42

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Query Match      91.4%; Score 32; DB 15; Length 6;
Best Local Similarity 83.3%; Pred. No. 1.5e+06;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY      1 YGFMK 6
Db      1 YGFLK 6

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RESULT 5
US-10-380-147-43
; Sequence 43, Application US/10380147
; Publication No. US20040072246A1
; GENERAL INFORMATION:
; APPLICANT: Martin, Roland
; APPLICANT: Simon, Richard
; APPLICANT: Zhao, Yingdong
; APPLICANT: Gran, Bruno
; APPLICANT: Pinilla, Clemencia
; TITLE OF INVENTION: A SYSTEM AND METHOD FOR IDENTIFYING T
; FILE REFERENCE: MSCI.001APC
; CURRENT APPLICATION NUMBER: US/10/380,147
; CURRENT FILING DATE: 2003-10-22
; PRIOR APPLICATION NUMBER: US 60/232,101
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US 60/251,216
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: PCT/US01/42166
; PRIOR FILING DATE: 2001-09-11
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 43
; LENGTH: 6
; TYPE: PRT
; ORGANISM: H. sapiens
US-10-380-147-43

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Query Match 85.7%; Score 30; DB 15; Length 6;
Best Local Similarity 100.0%; Pred. No. 1.5e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFFM 5
| | | | |
Db 1 YGFFM 5

RESULT 6

US-10-286-670-2
; Sequence 2, Application US/10286670
; Publication No. US20030135024A1
; GENERAL INFORMATION:
; APPLICANT: Pascal, Jeanick
; APPLICANT: Moran, Michael
; APPLICANT: Houghten, Richard A.
; TITLE OF INVENTION: Volatilizable Solid Phase Supports for Compound
; TITLE OF INVENTION: Synthesis
; FILE REFERENCE: Volatilizable Solid Phase Supports
; CURRENT APPLICATION NUMBER: US/10/286,670
; PRIOR APPLICATION NUMBER: US/09/493,902
; PRIOR FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: 60/119204
; PRIOR FILING DATE: 1999-02-05
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; US-10-286-670-2

Query Match 82.9%; Score 29; DB 14; Length 6;
Best Local Similarity 66.7%; Pred. No. 1.5e+06;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFFM 6
| | | | |
Db 1 YGFFL 6

RESULT 7

US-10-380-147-40
; Sequence 40, Application US/10380147
; Publication No. US20040072246A1
; GENERAL INFORMATION:
; APPLICANT: Martin, Roland
; APPLICANT: Simon, Richard
; APPLICANT: Zhao, Yingdong
; APPLICANT: Gran, Bruno
; APPLICANT: Pinilla, Clemencia
; TITLE OF INVENTION: A SYSTEM AND METHOD FOR IDENTIFYING T
; TITLE OF INVENTION: CELL AND OTHER EPITOPES
; FILE REFERENCE: MSCI-001APC
; CURRENT APPLICATION NUMBER: US/10/380,147
; CURRENT FILING DATE: 2003-10-22
; PRIOR APPLICATION NUMBER: US 60/232,101
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US 60/251,216
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: PCT/US01/42166
; PRIOR FILING DATE: 2001-09-11
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for windows Version 4.0
; SEQ ID NO 40
; LENGTH: 6
; TYPE: PRT
; ORGANISM: H. sapiens

US-10-380-147-40

Query Match 82.9%; Score 29; DB 15; Length 6;
Best Local Similarity 66.7%; Pred. No. 1.5e+06;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFFM 6
| | | | |
Db 1 YGFFL 6

RESULT 8

US-09-946-605-7
; Sequence 7, Application US/09946605
; Patent No. US20020155588A1
; GENERAL INFORMATION:
; APPLICANT: Fodor, Stephen P.A.
; APPLICANT: Stryer, Lubert
; APPLICANT: Winkler, James L.
; APPLICANT: Holmes, Christopher P.
; APPLICANT: Solas, Dennis W.
; TITLE OF INVENTION: Very Large Scale Immobilized Polymer
; TITLE OF INVENTION: Synthesis
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Vernon A. No. US20020155588A1v1el
; STREET: One Market Plaza, Stewart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/946,605
FILING DATE: 05-Sep-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/466,632
FILING DATE: 06-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: No. US20020155588A1v1el, Vernon A.

REGISTRATION NUMBER: 32,483

REFERENCE/DOCKET NUMBER: 16528J-000126

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-326-2400

TELEFAX: 415-326-2422

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 6 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 7:

US-09-946-605-7

Query Match 77.1%; Score 27; DB 9; Length 6;
Best Local Similarity 80.0%; Pred. No. 1.5e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFFM 5
| | | | |
Db 1 YGFFL 5

RESULT 9

US-09-759-130B-435
; Sequence 435, Application US/09759130B
; Publication No. US20030022279A1

GENERAL INFORMATION:
APPLICANT: Millennium Pharmaceuticals, Inc.
APPLICANT: McCarthy, Sean A
APPLICANT: Fraser, Christopher C
APPLICANT: Sharp, John D
APPLICANT: Barnes, Thomas S
APPLICANT: Kirsch, Susan J
APPLICANT: Mackay, Charles R
APPLICANT: Myers, Paul S
APPLICANT: Leiby, Kevin R
APPLICANT: Wighton, Nicolas
APPLICANT: Goodearl, Andrew
APPLICANT: Holtzman, Douglas A
TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING
TITLE OF INVENTION: PROGNOSTIC, DIAGNOSTIC, PREVENTIVE, THERAPEUTIC, AND OTHER
TITLE OF INVENTION: USES.
FILE REFERENCE: MP100-535OMNIM
CURRENT APPLICATION NUMBER: US/09/759,130B
CURRENT FILING DATE: 2002-09-16
PRIOR APPLICATION NUMBER: US 09/479,249
PRIOR FILING DATE: 2000-01-07
PRIOR APPLICATION NUMBER: US 09/559,497
PRIOR FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: US 09/578,063
PRIOR FILING DATE: 2000-05-24
PRIOR APPLICATION NUMBER: US 09/333,159
PRIOR FILING DATE: 1999-06-14
PRIOR APPLICATION NUMBER: US 09/596,194
PRIOR FILING DATE: 2000-07-14
PRIOR APPLICATION NUMBER: US 09/342,364
PRIOR FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: US 09/608,452
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/393,996
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 09/602,871
PRIOR FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: US 09/420,707
PRIOR FILING DATE: 1999-10-19
NUMBER OF SEQ ID NOS: 460
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 435
LENGTH: 6
TYPE: PRT
ORGANISM: Homo sapiens
US-09-759-130B-435

Query Match
Best Local Similarity 77.1%; Score 27; DB 10; Length 6;
Matches 4; Conservativity 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGM 5
Db 1 YGYM 5

RESULT 10
US-10-014-716-7
Sequence 7, Application US/10014716
Publication No. US20020137096A1
GENERAL INFORMATION:
APPLICANT: Fodor, Stephen P.A.
APPLICANT: Strayer, Lubert
APPLICANT: Pittung, Michael C.
APPLICANT: Read, J. Leighton
APPLICANT: Hoeprich, Jr. Paul D.
TITLE OF INVENTION: Very Large Scale Immobilized
Polymer
Synthesis
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Vern No. US20020137096A1v1e1
STREET: One Market Plaza, Steuart Tower, Suite

2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/014,716
FILING DATE: 14-Dec-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/348,471
FILING DATE: 30-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: No. US20020137096A1v1e1
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 16528A-1-3-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-10-014-716-7

Query Match
Best Local Similarity 77.1%; Score 27; DB 13; Length 6;
Matches 4; Conservativity 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGM 5
Db 1 YGFL 5

RESULT 11
US-10-042-431-65
Sequence 65, Application US/10042431
Publication No. US20020182675A1
GENERAL INFORMATION:
APPLICANT: MCCARTHY, Sean A
APPLICANT: BARNES, Thomas M
APPLICANT: FRASER, Christopher C
APPLICANT: SHARP, John D
TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING DIAGNOSTIC,
TITLE OF INVENTION: PREVENTIVE, THERAPEUTIC, AND OTHER USES
FILE REFERENCE: 10147-6U2
CURRENT APPLICATION NUMBER: US/10/042,431
CURRENT FILING DATE: 2001-10-25
PRIOR APPLICATION NUMBER: US 09/333,159
PRIOR FILING DATE: 1999-06-14
PRIOR APPLICATION NUMBER: US 09/578,063
PRIOR FILING DATE: 2000-05-24
NUMBER OF SEQ ID NOS: 79
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 65
LENGTH: 6
TYPE: PRT
ORGANISM: Homo sapiens
US-10-042-431-65

Query Match
Best Local Similarity 77.1%; Score 27; DB 13; Length 6;
Matches 4; Conservativity 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
|||:
Db 1 YGGYM 5

RESULT 12

US-10-259-391-7

; Sequence 7, Application US/10259391
; Publication No. US20030082831A1
; GENERAL INFORMATION:

APPLICANT: Fodor, Stephen P.A.

Stryer, Lubert

Winkler, James L.

Holmes, Christopher P.

Solas, Dennis W.

TITLE OF INVENTION: Very Large Scale Immobilized Polymer
Synthesis

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: Vernon A. No. US20030082831A1vie1

STREET: One Market Plaza, Stewart Tower, Suite 2000

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94105

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/259,391

FILING DATE: 30-Sep-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/465,782

FILING DATE: 06-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: No. US20030082831A1vie1, Vernon A.

REGISTRATION NUMBER: 32,483

REFERENCE/DOCKET NUMBER: 16528J-000127

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-326-2400

TELEFAX: 415-326-2422

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 6 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 7:

US-10-259-391-7

Query Match 77.1%; Score 27; DB 14; Length 6;

Best Local Similarity 80.0%; Pred. No. 1.5e+06;

Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
|||:
Db 1 YGGFL 5

RESULT 13

US-10-190-951-7

; Sequence 7, Application US/10190951

; Publication No. US20030108899A1

; GENERAL INFORMATION:

APPLICANT: Fodor, Stephen P.A.

Stryer, Lubert

Pirung, Michael C.

Read, J. Leighton

Hoepflich, Jr. Paul D.

;; TITLE OF INVENTION: Very Large Scale Immobilized
;; Polymer
;; Synthesis

NUMBER OF SEQUENCES: 36

CORRESPONDENCE ADDRESS:

ADDRESSEE: Vern No. US20030108899A1vie1

STREET: One Market Plaza, Stewart Tower, Suite

2000

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94105

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/190,951

FILING DATE: 08-Jul-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/348,471

FILING DATE: 30-NOV-1994

ATTORNEY/AGENT INFORMATION:

NAME: No. US20030108899A1vie1

REGISTRATION NUMBER: 32,483

REFERENCE/DOCKET NUMBER: 16528A-1-3-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-326-2400

TELEFAX: 415-326-2422

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 6 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 7:

US-10-190-951-7

Query Match 77.1%; Score 27; DB 14; Length 6;
Best Local Similarity 80.0%; Pred. No. 1.5e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
|||:
Db 1 YGGFL 5

RESULT 14

US-10-033-195B-6

; Sequence 6, Application US/10033195B

; Publication No. US20030119008A1

; GENERAL INFORMATION:

APPLICANT: Fodor, Stephen P.A.

APPLICANT: Stryer, Lubert

APPLICANT: Read, J. Leighton

APPLICANT: Pirung, Michael C.

TITLE OF INVENTION: Nucleotides and Analogs Having

Photoremovable Protecting Groups

FILE REFERENCE: 2719.2002-001

CURRENT APPLICATION NUMBER: US/10/033,195B

CURRENT FILING DATE: 2001-12-28

PRIOR APPLICATION NUMBER: 09/465,126

PRIOR FILING DATE: 1999-12-17

PRIOR APPLICATION NUMBER: 09/063,933

PRIOR FILING DATE: 1998-04-21

PRIOR APPLICATION NUMBER: 08/466,632

PRIOR FILING DATE: 1995-06-06

PRIOR APPLICATION NUMBER: 08/390,272

PRIOR FILING DATE: 1995-02-16

PRIOR APPLICATION NUMBER: 07/624,120

; PRIOR FILING DATE: 1990-12-06
; PRIOR APPLICATION NUMBER: 07/492,462
; PRIOR FILING DATE: 1990-03-07
; PRIOR APPLICATION NUMBER: 07/362,901
; PRIOR FILING DATE: 1989-06-07
; PRIOR APPLICATION NUMBER: 08/456,887
; PRIOR FILING DATE: 1995-06-01
; PRIOR APPLICATION NUMBER: 07/954,646
; PRIOR FILING DATE: 1992-09-30
; PRIOR APPLICATION NUMBER: 07/850,356
; PRIOR FILING DATE: 1992-03-12
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic sequence for description of method
US-10-033-195B-6

Query Match 77.1%; Score 27; DB 14; Length 6;
Best Local Similarity 80.0%; Pred. No. 1.5e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
|||:
Db 1 YGGFL 5

RESULT 15
US-10-741-790-435
; Sequence 435, Application US/10741790
; Publication No. US20040121396A1

; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc.
; APPLICANT: McCarthy, Sean A
; APPLICANT: Fraser, Christopher C
; APPLICANT: Sharp, John D
; APPLICANT: Barnes, Thomas S
; APPLICANT: Kirst, Susan J
; APPLICANT: Mackay, Charles R
; APPLICANT: Myers, Paul S
; APPLICANT: Leiby, Kevin R
; APPLICANT: Wrighton, Nicolas
; APPLICANT: Goodearl, Andrew
; APPLICANT: Holtzman, Douglas A
; TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING
; TITLE OF INVENTION: PROGNOSTIC, DIAGNOSTIC, PREVENTIVE, THERAPEUTIC, AND OTHER
; TITLE OF INVENTION: USES.
; FILE REFERENCE: MP100-535OMNIM
; CURRENT APPLICATION NUMBER: US/10/741,790
; CURRENT FILING DATE: 2003-12-19
; PRIOR APPLICATION NUMBER: US 09/479,249
; PRIOR FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/559,497
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 09/578,063
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: US 09/333,159
; PRIOR FILING DATE: 1999-06-14
; PRIOR APPLICATION NUMBER: US 09/596,194
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 09/342,364
; PRIOR FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: US 09/608,452
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/393,996
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 09/602,871
; PRIOR FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: US 09/420,707
; PRIOR FILING DATE: 1999-10-19

; NUMBER OF SEQ ID NOS: 460
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 435
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-741-790-435

Query Match 77.1%; Score 27; DB 16; Length 6;
Best Local Similarity 80.0%; Pred. No. 1.5e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
|||:
Db 1 YGGYM 5

Search completed: January 19, 2005, 18:55:24
Job time : 142 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2005 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: January 19, 2005, 18:55:35 ; Search time 146 Seconds
(without alignments)
12.373 Million cell updates/sec

Title: US-09-429-798A-48

Perfect score: 30

Sequence: 1 YGGFM 5

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1608061 seqs, 361289386 residues

Total number of hits satisfying chosen parameters: 26939

Minimum DB seq length: 5
Maximum DB seq length: 6

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA:*

1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
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16: /cgn2_6/ptodata/1/pubpaa/US10D_PUBCOMB.pep:*
17: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
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20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	30	100.0	5	9	US-09-823-114-1 2002/06/15/4 Sequence 1, Appli
2	30	100.0	5	9	US-09-946-605-21 2002/01/55/81 Sequence 21, Appli
3	30	100.0	5	13	US-10-050-903B-1 2002/01/31/77 Sequence 1, Appli
4	30	100.0	5	13	US-10-014-716-21 2002/01/31/06 Sequence 21, Appli
5	30	100.0	5	14	US-10-150-262-7 2002/04/26/4 Sequence 7, Appli
6	30	100.0	5	14	US-10-259-391-21 2002/06/01/8494 Sequence 21, Appli
7	30	100.0	5	14	US-10-190-951-21 2002/01/01/8494 Sequence 21, Appli
8	30	100.0	5	14	US-10-033-195B-19 2002/01/19/009 Sequence 19, Appli
9	30	100.0	5	14	US-10-197-954-92 2002/01/19/081 Sequence 92, Appli
10	30	100.0	5	14	US-10-290-748-1 2002/01/24/672 Sequence 1, Appli
11	30	100.0	5	14	US-10-146-999-6 2002/01/14/8494 Sequence 6, Appli
12	30	100.0	5	14	US-10-126-845-116 2002/01/11/67 Sequence 116, Appli
13	30	100.0	5	15	US-10-448-163-1 2004/06/14/143 Sequence 1, Appli

14	30	100.0	5	16	US-10-825-472-1 2004/01/16/058 Sequence 1, Appli
15	30	100.0	5	17	US-10-659-000-9 2004/03/04/344 Sequence 9, Appli
16	30	100.0	5	17	US-10-819-941-6 2004/02/23/665 Sequence 6, Appli
17	30	100.0	5	17	US-10-473-721A-1 2005/06/04/040 Sequence 1, Appli
18	30	100.0	5	17	US-10-473-721A-3 2005/06/04/040 Sequence 3, Appli
19	30	100.0	6	15	US-10-380-147-39 2004/06/12/244 Sequence 39, Appli
20	30	100.0	6	15	US-10-380-147-41 2004/06/12/244 Sequence 41, Appli
21	30	100.0	6	15	US-10-380-147-43 2004/06/12/244 Sequence 43, Appli
22	27	90.0	5	9	US-09-170-919-10 Sequence 10, Appli
23	27	90.0	5	9	US-09-804-866-1 Sequence 1, Appli
24	27	90.0	5	9	US-09-823-114-2 Sequence 2, Appli
25	27	90.0	5	9	US-09-946-605-1 Sequence 1, Appli
26	27	90.0	5	9	US-09-946-605-15 Sequence 15, Appli
27	27	90.0	5	13	US-10-014-716-1 Sequence 1, Appli
28	27	90.0	5	13	US-10-006-630-1 Sequence 1, Appli
29	27	90.0	5	14	US-10-150-262-5 Sequence 5, Appli
30	27	90.0	5	14	US-10-259-391-1 Sequence 1, Appli
31	27	90.0	5	14	US-10-259-391-15 Sequence 15, Appli
32	27	90.0	5	14	US-10-190-951-1 Sequence 1, Appli
33	27	90.0	5	14	US-10-033-195B-1 Sequence 1, Appli
34	27	90.0	5	14	US-10-197-954-89 Sequence 89, Appli
35	27	90.0	5	14	US-10-290-748-2 Sequence 2, Appli
36	27	90.0	5	14	US-10-146-999-5 Sequence 5, Appli
37	27	90.0	5	14	US-10-265-099-29 Sequence 29, Appli
38	27	90.0	5	14	US-10-126-845-115 Sequence 115, App
39	27	90.0	5	14	US-10-080-608A-164 Sequence 164, App
40	27	90.0	5	14	US-10-370-685-73 Sequence 73, Appli
41	27	90.0	5	15	US-10-448-163-7 Sequence 7, Appli
42	27	90.0	5	15	US-10-454-566-1 Sequence 1, Appli
43	27	90.0	5	15	US-10-167-627-64 Sequence 64, Appli
44	27	90.0	5	15	US-10-172-939A-1 Sequence 1, Appli
45	27	90.0	5	17	US-10-659-000-8 Sequence 8, Appli

ALIGNMENTS

RESULT 1
US-09-823-114-1
; Sequence 1, Application US/09823114
; Patent No. US20020061554A1
; GENERAL INFORMATION:
; APPLICANT: EVANS, CHRISTOPHER J.
; KEITH, DUANE E.
; TITLE OF INVENTION: OPIOID RECEPTOR GENES
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 2000 PENNSYLVANIA AVENUE, NW, Suite 5500
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: USA
; ZIP: 20006-1888
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/823,114
; FILING DATE: 29-Mar-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/148,351
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 22000-20526.22
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 887-1500
; TELEFAX: (202) 887-0763
; TELE: 90-4030 MRSNFOERSWSH

INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 SEQUENCE DESCRIPTION: SEQ ID NO: 1:
 US-09-823-114-1

Query Match 100.0%; Score 30; DB 9; Length 5;
 Best Local Similarity 100.0%; Pred. No. 1.5e+06;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGGFM 5
 Db 1 YGGFM 5

RESULT 2

US-09-946-605-21
 Sequence 21, Application US/09946605
 Patent No. US20020155588A1

GENERAL INFORMATION:

APPLICANT: Fodor, Stephen P.A.

Strayer, Lubert

Winkler, James L.

Holmes, Christopher P.

Solas, Dennis W.

TITLE OF INVENTION: Very Large Scale Immobilized Polymer Synthesis

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: Vernon A. No. US20020155588A1vie1

STREET: One Market Plaza, Stewart Tower, Suite 2000

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94105

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentln Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/946,605

FILING DATE: 05-Sep-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/466,632

FILING DATE: 06-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: No. US20020155588A1vie1, Vernon A.

REGISTRATION NUMBER: 32,483

REFERENCE/DOCKET NUMBER: 16528J-000126

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-326-2400

TELEFAX: 415-326-2422

INFORMATION FOR SEQ ID NO: 21:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 21:

US-09-946-605-21

Query Match 100.0%; Score 30; DB 9; Length 5;
 Best Local Similarity 100.0%; Pred. No. 1.5e+06;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGGFM 5
 Db 1 YGGFM 5

Db 1 YGGFM 5

RESULT 3

US-10-050-903B-1

Sequence 1, Application US/10050903B

Publication No. US20020132777A1

GENERAL INFORMATION:

APPLICANT: Zimmer, Robert A.

TITLE OF INVENTION: Compositions and Methods for Enhanced Pharmacological Activity Th

TITLE OF INVENTION: Oral and Parenteral Administration of Compositions Comprising Po

TITLE OF INVENTION: Substances and Other Poorly Absorbed Active Ingredients

FILE REFERENCE: 945505.019

CURRENT APPLICATION NUMBER: US/10/050,903B

CURRENT FILING DATE: 2003-01-30

PRIOR APPLICATION NUMBER: US 60/262,337

PRIOR FILING DATE: 2001-01-17

PRIOR APPLICATION NUMBER: US 60/332,636

PRIOR FILING DATE: 2001-11-06

PRIOR APPLICATION NUMBER: US 60/287,872

PRIOR FILING DATE: 2001-05-01

PRIOR APPLICATION NUMBER: US 60/287,886

PRIOR FILING DATE: 2001-05-01

NUMBER OF SEQ ID NOS: 1

SOFTWARE: Patentln version 3.1

SEQ ID NO 1

LENGTH: 5

TYPE: PRT

ORGANISM: Homo sapiens

US-10-050-903B-1

Query Match 100.0%; Score 30; DB 13; Length 5;
 Best Local Similarity 100.0%; Pred. No. 1.5e+06;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGGFM 5
 Db 1 YGGFM 5

RESULT 4

US-10-014-716-21

Sequence 21, Application US/10014716

Publication No. US20020137096A1

GENERAL INFORMATION:

APPLICANT: Fodor, Stephen P.A.

Strayer, Lubert

Pirtung, Michael C.

Read, J. Leighton

Hoepflich, Jr. Paul D.

TITLE OF INVENTION: Very Large Scale Immobilized

Polymer Synthesis

NUMBER OF SEQUENCES: 36

CORRESPONDENCE ADDRESS:

ADDRESSEE: Vern No. US20020137096A1vie1

STREET: One Market Plaza, Stewart Tower, Suite

2000

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94105

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentln Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/014,716

FILING DATE: 14-Dec-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/348,471

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;
; FILING DATE: 30-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: No. US20020137096A1v1e1
; REGISTRATION NUMBER: 32,483
; REFERENCE/DOCKET NUMBER: 16528A-1-3-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-326-2400
; TELEFAX: 415-326-2422
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-10-014-716-21

Query Match      100.0%; Score 30; DB 13; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.5e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 YGGFM 5
       |||||
Db      1 YGGFM 5

RESULT 5
US-10-150-262-7
; Sequence 7, Application US/10150262
; Publication No. US20030049264A1
; GENERAL INFORMATION:
; APPLICANT: FOSTER, KEITH ALAN
; APPLICANT: DUGGAN, MICHAEL JOHN
; APPLICANT: SHONE, CLIFFORD CHARLES
; TITLE OF INVENTION: CLOSTRIDIAL TOXIN DERIVATIVES ABLE TO MODIFY
; TITLE OF INVENTION: PERIPHERAL
; TITLE OF INVENTION: SENSORY AFFERENT FUNCTIONS
; FILE REFERENCE: 023223/0104
; CURRENT APPLICATION NUMBER: US/10/150,262
; CURRENT FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: US/09/447,356
; PRIOR FILING DATE: 1999-11-22
; PRIOR APPLICATION NUMBER: 08/945,037
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: GB 9508204.6
; PRIOR FILING DATE: 1995-04-21
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-150-262-7

Query Match      100.0%; Score 30; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.5e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 YGGFM 5
       |||||
Db      1 YGGFM 5

RESULT 6
US-10-259-391-21
; Sequence 21, Application US/10259391
; Publication No. US20030082831A1
; GENERAL INFORMATION:
; APPLICANT: Fodor, Stephen P.A.
; APPLICANT: Stryer, Lubert
; APPLICANT: Winkler, James L.
; APPLICANT: Holmes, Christopher P.
```

```
;
; Sola, Dennis W.
; TITLE OF INVENTION: Very Large Scale Immobilized Polymer
; Synthesis
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Vernon A. No. US20030082831A1v1e1
; STREET: One Market Plaza, Stewart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/259,391
; FILING DATE: 30-Sep-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/465,782
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: No. US20030082831A1v1e1, Vernon A.
; REGISTRATION NUMBER: 32,483
; REFERENCE/DOCKET NUMBER: 16528J-000127
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-326-2400
; TELEFAX: 415-326-2422
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-10-259-391-21

Query Match      100.0%; Score 30; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.5e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 YGGFM 5
       |||||
Db      1 YGGFM 5

RESULT 7
US-10-190-951-21
; Sequence 21, Application US/10190951
; Publication No. US20030108899A1
; GENERAL INFORMATION:
; APPLICANT: Fodor, Stephen P.A.
; APPLICANT: Stryer, Lubert
; APPLICANT: Pittung, Michael C.
; APPLICANT: Read, J. Leighton
; APPLICANT: Hoeprich, Jr. Paul D.
; TITLE OF INVENTION: Very Large Scale Immobilized
; Polymer
; Synthesis
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Vern No. US20030108899A1v1e1
; STREET: One Market Plaza, Stewart Tower, Suite
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/190,951
FILING DATE: 08-Jul-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/348,471
FILING DATE: 30-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: No. US20030108899A1v1e1
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 16528A-1-3-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-10-190-951-21

Query Match 100.0%; Score 30; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.5e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
Db 1 YGGFM 5

RESULT 8
US-10-033-195B-19
Sequence 19, Application US/10033195B
Publication No. US20030119008A1
GENERAL INFORMATION:
APPLICANT: Fodor, Stephen P.A.
APPLICANT: Stryer, Lubert
APPLICANT: Read, J. Michael
APPLICANT: Pirrung, Michael C.
TITLE OF INVENTION: Nucleotides and Analogs Having
TITLE OF INVENTION: Photoremovable Protecting Groups
FILE REFERENCE: 2719.2002-001
CURRENT APPLICATION NUMBER: US/10/033,195B
CURRENT FILING DATE: 2001-12-28
PRIOR APPLICATION NUMBER: 09/465,126
PRIOR FILING DATE: 1999-12-17
PRIOR APPLICATION NUMBER: 09/063,933
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 08/466,632
PRIOR FILING DATE: 1995-06-06
PRIOR APPLICATION NUMBER: 08/390,272
PRIOR FILING DATE: 1995-02-16
PRIOR APPLICATION NUMBER: 07/624,120
PRIOR FILING DATE: 1990-12-06
PRIOR APPLICATION NUMBER: 07/492,462
PRIOR FILING DATE: 1990-03-07
PRIOR APPLICATION NUMBER: 07/362,901
PRIOR FILING DATE: 1989-06-07
PRIOR APPLICATION NUMBER: 08/456,887
PRIOR FILING DATE: 1995-06-01
PRIOR APPLICATION NUMBER: 07/954,646
PRIOR FILING DATE: 1992-09-30
PRIOR APPLICATION NUMBER: 07/850,356
PRIOR FILING DATE: 1992-03-12
NUMBER OF SEQ ID NOS: 20
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 19

LENGTH: 5
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic sequence for description of method
US-10-033-195B-19

Query Match 100.0%; Score 30; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.5e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
Db 1 YGGFM 5

RESULT 9
US-10-197-954-92
Sequence 92, Application US/10197954
Publication No. US20030119021A1
GENERAL INFORMATION:
APPLICANT: K"ster, Hubert
APPLICANT: Siddiqi, Suhaid
APPLICANT: Little, Daniel
TITLE OF INVENTION: Capture Compounds, Collections Thereof
TITLE OF INVENTION: And Methods For Analyzing The Proteome And Complex
TITLE OF INVENTION: Compositions
FILE REFERENCE: 24743-2305
CURRENT APPLICATION NUMBER: US/10/197,954
CURRENT FILING DATE: 2002-07-16
PRIOR APPLICATION NUMBER: 60/306,019
PRIOR FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: 60/314,123
PRIOR FILING DATE: 2001-08-21
PRIOR APPLICATION NUMBER: 60/363,433
PRIOR FILING DATE: 2002-03-11
NUMBER OF SEQ ID NOS: 149
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 92
LENGTH: 5
TYPE: PRT
ORGANISM: Homo Sapien
US-10-197-954-92

Query Match 100.0%; Score 30; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.5e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
Db 1 YGGFM 5

RESULT 10
US-10-290-748-1
Sequence 1, Application US/10290748
Publication No. US20030124672A1
GENERAL INFORMATION:
APPLICANT: EVANS, CHRISTOPHER J.
APPLICANT: KEITH, DUANE E.
TITLE OF INVENTION: OPIOID RECEPTOR GENES
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 2000 PENNSYLVANIA AVENUE, NW, Suite 5500
CITY: WASHINGTON
STATE: DC
COUNTRY: USA
ZIP: 20006-1888
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

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; SOFTWARE: Patentin Release #1.0, Version #1.30
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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/290,748
; FILING DATE: 07-No. US20030124672A1-2002
; CLASSIFICATION: 435
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/405,271A
; FILING DATE: 14-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 22000-20526.22
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 887-1500
; TELEFAX: (202) 887-0763
; TELEX: 90-4030 MRSNFOERSWSH
;
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-290-748-1

Query Match      100.0%; Score 30; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.5e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      1 YGGFM 5
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Db      1 YGGFM 5

RESULT 11
US-10-146-999-6
; Sequence 6, Application US/10146999
; Publication No. US20030148942A1
; GENERAL INFORMATION:
; APPLICANT: Plotnikoff, Nicholas P.
; TITLE OF INVENTION: Methods for Inducing Sustained Immune Response
; FILE REFERENCE: 01-635-A
; CURRENT APPLICATION NUMBER: US/10/146,999
; CURRENT FILING DATE: 2002-12-13
; PRIOR APPLICATION NUMBER: US 60/291,237
; PRIOR FILING DATE: 2001-05-16
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 6
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-146-999-6

Query Match      100.0%; Score 30; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.5e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      1 YGGFM 5
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Db      1 YGGFM 5

RESULT 12
US-10-126-845-116
; Sequence 116, Application US/10126845
; Publication No. US20030181367A1
; GENERAL INFORMATION:
; APPLICANT: O'Mahony, Daniel J.
; APPLICANT: Lambkin, Imelda J.
; APPLICANT: Pinilla, Clemencia
; APPLICANT: Houghten, Richard
; TITLE OF INVENTION: MEMBRANE TRANSLOCATING PEPTIDE DRUG DELIVERY SYSTEM
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;
; FILE REFERENCE: E1067/20058
;
; CURRENT APPLICATION NUMBER: US/10/126,845
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 119
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 116
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: opioid peptide
US-10-126-845-116

Query Match      100.0%; Score 30; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.5e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      1 YGGFM 5
      |||||
Db      1 YGGFM 5

RESULT 13
US-10-448-163-1
; Sequence 1, Application US/10448163
; Publication No. US20040014143A1
; GENERAL INFORMATION:
; APPLICANT: Haskins, William
; APPLICANT: Kennedy, Robert
; APPLICANT: Powell, David
; APPLICANT: Watson, Christopher
; TITLE OF INVENTION: Method and Apparatus for Detecting and Monitoring Peptides, and
; TITLE OF INVENTION: Peptides Identified Therewith
; FILE REFERENCE: UF-321CXCI
; CURRENT APPLICATION NUMBER: US/10/448,163
; CURRENT FILING DATE: 2003-05-29
; PRIOR APPLICATION NUMBER: 60/384,874
; PRIOR FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: 60/384,447
; PRIOR FILING DATE: 2002-05-29
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 1
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Rattus norvegicus
US-10-448-163-1

Query Match      100.0%; Score 30; DB 15; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.5e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      1 YGGFM 5
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Db      1 YGGFM 5

RESULT 14
US-10-825-472-1
; Sequence 1, Application US/10825472
; Publication No. US20040186058A1
; GENERAL INFORMATION:
; APPLICANT: Zimmer, Robert A.
; TITLE OF INVENTION: Compositions and Methods for Enhanced Pharmacological Activity Thru
; TITLE OF INVENTION: Oral and Parenteral Administration of Compositions Comprising Pol
; TITLE OF INVENTION: Substances and Other Poorly Absorbed Active Ingredients
; FILE REFERENCE: 945505.019
; CURRENT APPLICATION NUMBER: US/10/825,472
; CURRENT FILING DATE: 2004-04-15
; PRIOR APPLICATION NUMBER: US 60/262,337
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US 60/332,636
; PRIOR FILING DATE: 2001-11-06
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; PRIOR APPLICATION NUMBER: US 60/287,872
; PRIOR FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: US 60/287,886
; PRIOR FILING DATE: 2001-05-01
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-825-472-1

Query Match 100.0%; Score 30; DB 16; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.5e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
|||
Db 1 YGGFM 5

RESULT 15
US-10-659-000-9
; Sequence 9, Application US/10659000
; Publication No. US20040209344A1
; GENERAL INFORMATION:
; APPLICANT: PANTOLIANO, MICHAEL W.
; APPLICANT: RYAN, M. DOMINIC
; APPLICANT: STAKER, BART LEE
; APPLICANT: PRASAD, G. SRIDHAR
; APPLICANT: TANG, JIN
; APPLICANT: MENON, SAURABH PRABHAKAR
; APPLICANT: TOWLER, PAUL S.
; APPLICANT: WILLIAMS, DAVID H.
; APPLICANT: FISHER, MARTIN
; TITLE OF INVENTION: CRYSTAL STRUCTURE OF ANGIOTENSIN-CONVERTING ENZYME-RELATED
; TITLE OF INVENTION: CARBOXYPEPTIDASE
; FILE REFERENCE: MNM/002
; CURRENT APPLICATION NUMBER: US/10/659,000
; CURRENT FILING DATE: 2003-09-09
; PRIOR APPLICATION NUMBER: 60/410,010
; PRIOR FILING DATE: 2002-09-09
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 9
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: peptide
US-10-659-000-9

Query Match 100.0%; Score 30; DB 17; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.5e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
|||
Db 1 YGGFM 5

Search completed: January 19, 2005, 19:07:26
Job time : 148 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: January 19, 2005, 18:45:04 ; Search time 38 Seconds
(without alignments)
8.726 Million cell updates/sec

Title: US-09-429-798A-48

Perfect score: 30

Top 10 by Phe Met

Sequence: 1 YGGFM 5

Scoring table: BLOSUM62

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 31733

Minimum DB seq length: 5
Maximum DB seq length: 6

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:*

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- 2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Query length	DB ID	Description
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2	30	100.0	5	1	US-07-992-288-1 5338831 Sequence 1, Appli
3	30	100.0	5	1	US-07-999-764-1 5342685 Sequence 1, Appli
4	30	100.0	5	1	US-08-034-930-2 5403824 Sequence 2, Appli
5	30	100.0	5	1	US-07-805-727-21 5424174 Sequence 21, Appli
6	30	100.0	5	1	US-08-184-935-5 5476770 Sequence 5, Appli
7	30	100.0	5	1	US-08-390-272-21 5499673 Sequence 21, Appli
8	30	100.0	5	1	US-08-067-387-24 5491074 Sequence 24, Appli
9	30	100.0	5	1	US-08-375-777-4 5571786 Sequence 4, Appli
10	30	100.0	5	1	US-08-428-488-4 5624844 Sequence 4, Appli
11	30	100.0	5	1	US-08-462-859A-2 5652095 Sequence 2, Appli
12	30	100.0	5	1	US-08-123-659A-2 5666471 Sequence 2, Appli
13	30	100.0	5	1	US-08-464-247A-2 5693478 Sequence 2, Appli
14	30	100.0	5	1	US-08-464-248A-2 5705269 Sequence 2, Appli
15	30	100.0	5	1	US-08-406-935-4 6707648 Sequence 4, Appli
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17	30	100.0	5	1	US-08-466-632-21 5559437 Sequence 21, Appli
18	30	100.0	5	1	US-08-446-177-21 5753788 Sequence 21, Appli
19	30	100.0	5	2	US-08-723-423-33 5834902 Sequence 33, Appli
20	30	100.0	5	2	US-08-411-859-5 5985600 Sequence 5, Appli
21	30	100.0	5	3	US-08-709-435-33 6017496 Sequence 33, Appli
22	30	100.0	5	3	US-08-633-410-33 6100026 Sequence 33, Appli
23	30	100.0	5	3	US-09-063-936A-21 6124102 Sequence 21, Appli
24	30	100.0	5	3	US-08-611-395-2 6168939 Sequence 2, Appli
25	30	100.0	5	3	US-08-188-275A-12 6258556 Sequence 12, Appli
26	30	100.0	5	3	US-08-387-707-1 6265565 Sequence 1, Appli
27	30	100.0	5	3	US-08-711-426-33 6284459 Sequence 33, Appli

28	30	100.0	5	3	US-08-157-562-5 6287787	Sequence 5, Appli
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30	30	100.0	5	3	US-08-669-252-33 6319168	Sequence 33, Appli
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32	30	100.0	5	3	US-09-447-356-7 6395513	Sequence 7, Appli
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34	30	100.0	5	4	US-08-405-271A-1 6452652	Sequence 1, Appli
35	30	100.0	5	4	US-08-999-188-21 6491871	Sequence 21, Appli
36	30	100.0	5	4	US-09-465-126B-19 6586495	Sequence 19, Appli
37	30	100.0	5	4	US-09-063-933-21 6600031	Sequence 21, Appli
38	30	100.0	5	4	US-09-428-692-9 6759520	Sequence 9, Appli
39	30	100.0	5	5	US-09-428-692-9 6759520	Sequence 24, Appli
40	30	100.0	5	6	5169865-7	Sequence 8, Appli
41	30	100.0	6	1	US-07-943-709-8 5556762	Sequence 9, Appli
42	30	100.0	6	1	US-07-943-709-8 5556762	Sequence 14, Appli
43	30	100.0	6	1	US-07-943-709-8 5556762	Sequence 1, Appli
44	30	100.0	6	4	US-09-134-803-1 6703351	Sequence 1, Appli
45	27	90.0	5	1	US-07-694-981-2	Sequence 2, Appli

ALIGNMENTS

RESULT 1
US-07-630-163B-1
; Sequence 1, Application US/07630163B
; Patent No. 5276137
; GENERAL INFORMATION:
; APPLICANT: Ojima, Iwao
; APPLICANT: Nakahashi, Kazuaki
; TITLE OF INVENTION: Analgesic Peptides
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann & Baron
; STREET: 350 Jericho Turnpike
; CITY: Jericho
; STATE: New York
; COUNTRY: United States of America
; ZIP: 11753
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 5.25 inch, 360 Kbl
; COMPUTER: IBM XT Compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: WORD PERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/630,163B
; FILING DATE: 19901218
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 02-158890
; FILING DATE: June 18, 1990
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5 Amino Acids
; TYPE: AMINO ACID
; TOPOLOGY: Linear
; US-07-630-163B-1

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
Db 1 YGGFM 5

RESULT 2
US-07-992-288-1
; Sequence 1, Application US/07992288
; Patent No. 5338831
; GENERAL INFORMATION:
; APPLICANT: Lebel, Michal

APPLICANT: Eichler, Jutta
APPLICANT: Pokorny, Vlt
APPLICANT: Jehnicka, Jiri
APPLICANT: Mudra, Petr
APPLICANT: Zenisek, Karel
APPLICANT: Stierandova, Alena
APPLICANT: Kalousek, Jan
APPLICANT: Bolf, Jan
TITLE OF INVENTION: METHOD OF MAKING MULTIPLE SYNTHESIS OF
TITLE OF INVENTION: PEPTIDES ON SOLID SUPPORT
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dressler, Goldsmith, Shore & Milnamow, Ltd.
STREET: 180 No. 5338831th Stetson, Suite 4700
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/992,288
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/645,121
FILING DATE: 24-JAN-1991
ATTORNEY/AGENT INFORMATION:
NAME: Hoover, Allen J.
REGISTRATION NUMBER: 24,103
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312)616-5400
TELEFAX: (312)616-5460
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-07-992-288-1

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
Db 1 YGGFM 5

RESULT 3
US-07-989-764-1
Sequence 1, Application US/07989764
Patent No. 5342585
GENERAL INFORMATION:
APPLICANT: Lebel, Michal
APPLICANT: Eichler, Jutta
APPLICANT: Pokorny, Vlt
APPLICANT: Jehnicka, Jiri
APPLICANT: Mudra, Petr
APPLICANT: Zenisek, Karel
APPLICANT: Stierandova, Alena
APPLICANT: Kalousek, Jan
APPLICANT: Bolf, Jan
TITLE OF INVENTION: APPARATUS FOR MAKING MULTIPLE SYNTHESIS
TITLE OF INVENTION: OF PEPTIDES ON SOLID SUPPORT
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dressler, Goldsmith, Shore & Milnamow, Ltd.
STREET: 180 No. 5342585th Stetson, Suite 4700

CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/989,764
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/645,121
FILING DATE: 24-JAN-1991
ATTORNEY/AGENT INFORMATION:
NAME: Hoover, Allen J.
REGISTRATION NUMBER: 24,103
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312)616-5400
TELEFAX: (312)616-5460
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-07-989-764-1

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
Db 1 YGGFM 5

RESULT 4
US-08-034-930-2
Sequence 2, Application US/08034930
Patent No. 5403824
GENERAL INFORMATION:
APPLICANT: D'Souza, Sharyn M.
APPLICANT: Ibbotson, Kenneth J.
TITLE OF INVENTION: Methods For The Treatment of
TITLE OF INVENTION: Osteoporosis
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: The Procter & Gamble Company
STREET: P. O. Box 398707
CITY: Cincinnati
STATE: Ohio
COUNTRY: U.S.A.
ZIP: 45239-8707
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/034,930
FILING DATE: 19930319
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Suter, David L.
REGISTRATION NUMBER: 30,692
REFERENCE/DOCKET NUMBER: Case 4835
TELECOMMUNICATION INFORMATION:
TELEPHONE: (513) 627-2912
TELEFAX: (513) 627-0260
INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
TOPOLOGY: linear
US-08-034-930-2

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGFM 5
1 YGFM 5
Db 1 YGFM 5

RESULT 5
US-07-805-727-21

Sequence 21, Application US/07805727
Patent No. 5424186

GENERAL INFORMATION:

APPLICANT: Fodor, Stephen P.A.
APPLICANT: Stryer, Lubert
APPLICANT: Pirtung, Michael C.
APPLICANT: Read, J. Leighton
TITLE OF INVENTION: Very Large Scale Immobilized Polymer
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:

ADDRESSEE: Vernon A. No. 5424186viel
STREET: One Market Plaza, Stewart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/805,727

FILING DATE: 19911206

CLASSIFICATION: 436

ATTORNEY/AGENT INFORMATION:

NAME: No. 5424186viel, Vernon A.

REGISTRATION NUMBER: 32,483

REFERENCE/DOCKET NUMBER: 11509A)1)1)1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-326-2400

TELEFAX: 415-326-2422

INFORMATION FOR SEQ ID NO: 21:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: AMINO ACID

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

US-07-805-727-21

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGFM 5
1 YGFM 5
Db 1 YGFM 5

RESULT 6
US-08-184-935-5

Sequence 5, Application US/08184935

Patent No. 5476770

GENERAL INFORMATION:

APPLICANT: PRADIELLES, PHILIPPE
TITLE OF INVENTION: IMMUNOMETRIC DETERMINATION OF AN ANTIGEN
TITLE OF INVENTION: OR HAPTEN
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:

ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MATER & NEUSTADT,
ADDRESSEE: P.C.
STREET: 1755 S. Jefferson Davis Highway, Suite 400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/184,935

FILING DATE: 24-JAN-1994

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Oblon, No. 5476770man F.

REGISTRATION NUMBER: 24,618

REFERENCE/DOCKET NUMBER: 846-286-0

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703) 413-3000

TELEFAX: (703) 413-2220

TELEX: 248855 OPAT UR

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

TOPOLOGY: unknown

MOLECULE TYPE: peptide

US-08-184-935-5

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGFM 5
1 YGFM 5
Db 1 YGFM 5

RESULT 7
US-08-390-272-21

Sequence 21, Application US/08390272

Patent No. 5489678

GENERAL INFORMATION:

APPLICANT: Fodor, Stephen P.A.

APPLICANT: Stryer, Lubert

APPLICANT: Winkler, James L.

APPLICANT: Holmes, Christopher P.

APPLICANT: Solas, Dennis W.

TITLE OF INVENTION: Very Large Scale Immobilized Polymer

TITLE OF INVENTION: Synthesis

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: Vernon A. No. 5489678viel

STREET: One Market Plaza, Stewart Tower, Suite 2000

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94105

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/390,272

FILING DATE:
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/624,120
FILING DATE: 06-DEC-1990
ATTORNEY/AGENT INFORMATION:
NAME: No. 5489678v1e1, Vernon A.
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 11509-28
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-390-272-21

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 5
Db 1 YGFM 5

RESULT 8

US-08-067-387-24
Sequence 24, Application US/08067387

Patent No. 5491074

GENERAL INFORMATION:

APPLICANT: Aldwin, Lois

APPLICANT: Madden, Mark

APPLICANT: Stemmer, W.P.C.

TITLE OF INVENTION: Association Peptides

NUMBER OF SEQUENCES: 25

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend Khourie and Crew

STREET: One Market Plaza, Steuart Tower, Suite 2000

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94105

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/067,387

FILING DATE: 24-MAY-1993

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/043,459

FILING DATE: 01-APR-1993

ATTORNEY/AGENT INFORMATION:

NAME: Smith, William M.

REGISTRATION NUMBER: 30,223

REFERENCE/DOCKET NUMBER: 11509-92

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-326-2400

TELEFAX: 415-326-2422

INFORMATION FOR SEQ ID NO: 24:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

US-08-067-387-24

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 5
Db 1 YGFM 5

RESULT 9

US-08-375-777-4

Sequence 4, Application US/08375777

Patent No. 5571786

GENERAL INFORMATION:

APPLICANT: Eibl, Johann

APPLICANT: Pichler, Ludwig

APPLICANT: Schwarz, Hans Peter

APPLICANT: Turecek, Peter

TITLE OF INVENTION: THE USE OF PROTEIN C OR ACTIVATED

TITLE OF INVENTION: PROTEIN C FOR PREPARING A PHARMACEUTICAL PREPARATION

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESSEE: BRUMBAUGH, GRAVES, DONOHUE & RAYMOND

STREET: 30 ROCKEFELLER PLAZA

CITY: NEW YORK

STATE: NEW YORK

COUNTRY: USA

ZIP: 10112-0228

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/375,777

FILING DATE:

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Seide, Rochelle K.

REGISTRATION NUMBER: 32,300

REFERENCE/DOCKET NUMBER: A28677-FWC-A

TELECOMMUNICATION INFORMATION:

TELEPHONE: 212-408-2626

TELEFAX: 212-765-2519

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: peptide

FEATURE:

NAME/KEY: Peptide

LOCATION: 1..5

US-08-375-777-4

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 5
Db 1 YGFM 5

RESULT 10

US-08-428-488-4

Sequence 4, Application US/08428488

Patent No. 5624894

GENERAL INFORMATION:

APPLICANT: BODOR, Nicholas S.

TITLE OF INVENTION: BRAIN-ENHANCED DELIVERY OF NEUROACTIVE

;; TITLE OF INVENTION: PEPTIDES BY SEQUENTIAL METABOLISM
;; NUMBER OF SEQUENCES: 107
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Burns, Doane, Swecker & Mathis
;; STREET: P.O. Box 1404
;; CITY: Alexandria
;; STATE: Virginia
;; COUNTRY: United States
;; ZIP: 2213-1404
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/428,488
;; FILING DATE: 27-APR-1995
;; CLASSIFICATION: 514
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Baumeister, Mary Katherine
;; REGISTRATION NUMBER: 26,254
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (703) 836-6620
;; TELEFAX: (703) 836-2021
;; INFORMATION FOR SEQ ID NO: 4:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 5 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: peptide
;; FEATURE:
;; NAME/KEY: Modified-site
;; LOCATION: 1
;; OTHER INFORMATION: /note= "Position 1 = H-Tyr."
;; FEATURE:
;; NAME/KEY: Modified-site
;; LOCATION: 5
;; OTHER INFORMATION: /note= "Position 5 = Met-OH."
;; US-08-428-488-4

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
Db 1 YGGFM 5

RESULT 11
US-08-462-859A-2
; Sequence 2, Application US/08462859A
; Patent No. 5652092
; GENERAL INFORMATION:
; APPLICANT: Jacobsen, J. S.
; TITLE OF INVENTION: No. 5652092el Amyloid Precursor and Method of
; TITLE OF INVENTION: Using Same to Access Agents Which Down-Regulate Formation
; TITLE OF INVENTION: of B-Amyloid Peptide
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: American Cyanamid Company
; STREET: One Cyanamid Plaza
; CITY: Wayne
; STATE: New Jersey
; COUNTRY: United States
; ZIP: 07470-8426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS

;; SOFTWARE: PatentIn Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/462,859A
;; FILING DATE: 05-JUN-1995
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Barnhard, Elizabeth M.
;; REGISTRATION NUMBER: 31,088
;; REFERENCE/DOCKET NUMBER: 31,844-04
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (201)831-3246
;; TELEFAX: (201)831-3305
;; INFORMATION FOR SEQ ID NO: 2:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 5 amino acids
;; TYPE: amino acid
;; STRANDEDNESS:
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
;; US-08-462-859A-2

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
Db 1 YGGFM 5

RESULT 12
US-08-123-659A-2
; Sequence 2, Application US/08123659A
; Patent No. 5656477
; GENERAL INFORMATION:
; APPLICANT: Jacobsen, J. S.
; TITLE OF INVENTION: No. 5656477el Amyloid Precursor and Method of
; TITLE OF INVENTION: Using Same to Access Agents Which Down-Regulate Formation
; TITLE OF INVENTION: of B-Amyloid Peptide
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Anne Rosenblum
; STREET: 163 Delaware Avenue, Suite 212
; CITY: Delmar
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 12054
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/123,659A
; FILING DATE: 20-SEP-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rosenblum, Anne M.
; REGISTRATION NUMBER: 30,419
; REFERENCE/DOCKET NUMBER: 31,844-01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (518)475-0611
; TELEFAX: (518)475-0619
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-123-659A-2

Query Match 100.0%; Score 30; DB 1; Length 5;

Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGGFM 5
1 YGGFM 5

RESULT 13

US-08-464-247A-2
Sequence 2, Application US/08464247A

Patent No. 5693478

GENERAL INFORMATION:

APPLICANT: Jacobsen, J. S.

APPLICANT: Vitek, M. P.

TITLE OF INVENTION: No. 5693478e1 Amyloid Precursor and Method of

TITLE OF INVENTION: Using Same to Access Agents Which Down-Regulate Formation

TITLE OF INVENTION: of B-Amyloid Peptide

NUMBER OF SEQUENCES: 19

CORRESPONDENCE ADDRESS:

ADDRESSEE: American Cyanamid Company

STREET: One Campus Drive

CITY: Parsippany

STATE: New Jersey

COUNTRY: United States

ZIP: 07054

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/464,247A

FILING DATE: 05-JUN-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Barnhard, Elizabeth M.

REGISTRATION NUMBER: 31,088

REFERENCE/DOCKET NUMBER: 31,844-03

TELECOMMUNICATION INFORMATION:

TELEPHONE: 201-683-2158

TELEFAX: 201-683-4117

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS:

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-464-247A-2

Query Match 100.0%; Score 30; DB 1; Length 5;

Best Local Similarity 100.0%; Pred. No. 3.8e+05;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGGFM 5
1 YGGFM 5

RESULT 14

US-08-464-248A-2

Sequence 2, Application US/08464248A

Patent No. 5703209

GENERAL INFORMATION:

APPLICANT: Jacobsen, J. S.

APPLICANT: Vitek, M. P.

TITLE OF INVENTION: No. 5703209e1 Amyloid Precursor and Method of

TITLE OF INVENTION: Using Same to Access Agents Which Down-Regulate Formation

TITLE OF INVENTION: of B-Amyloid Peptide

NUMBER OF SEQUENCES: 19

CORRESPONDENCE ADDRESS:

ADDRESSEE: American Cyanamid Company

STREET: One Cyanamid Plaza

CITY: Wayne

STATE: New Jersey

COUNTRY: United States

ZIP: 07470-8426

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/464,248A

FILING DATE: 05-JUN-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Barnhard, Elizabeth M.

REGISTRATION NUMBER: 31,088

REFERENCE/DOCKET NUMBER: 31,844-02

TELECOMMUNICATION INFORMATION:

TELEPHONE: (201)831-3246

TELEFAX: (201)831-3305

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS:

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-464-248A-2

Query Match 100.0%; Score 30; DB 1; Length 5;

Best Local Similarity 100.0%; Pred. No. 3.8e+05;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 YGGFM 5
1 YGGFM 5

RESULT 15

US-08-406-935-4

Sequence 4, Application US/08406935

Patent No. 5707648

GENERAL INFORMATION:

APPLICANT: Seang H. Yiv

TITLE OF INVENTION: Transparent Liquid for

TITLE OF INVENTION: Encapsulating Drug Delivery

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and

ADDRESSEE: No. 5707648ris

STREET: One Liberty Place - 46th Floor

CITY: Philadelphia

STATE: PA

COUNTRY: U.S.A.

ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/406,935

FILING DATE: 17-MAY-1995

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US94/13394

FILING DATE: 16-NOV-1994

APPLICATION NUMBER: 885,202

FILING DATE: May 20, 1992

ATTORNEY/AGENT INFORMATION:

NAME: David R. Bailey

REGISTRATION NUMBER: 35,057

REFERENCE/DOCKET NUMBER: AFBI-0349
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 215-568-3100
 TELEFAX: 215-568-3439
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5 amino acid residues
 TYPE: Amino Acid
 STRANDEDNESS:
 TOPOLOGY: Unknown
 MOLECULE TYPE: Peptide
 US-08-406-935-4

Query Match 100.0%; Score 30; DB 1; Length 5;
 Best Local Similarity 100.0%; Pred. No. 3.8e+05;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 YGGFM 5
 |||||
 Db 1 YGGFM 5

Search completed: January 19, 2005, 18:56:52
 Job time : 45 secs

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